

ABSTRACT

An apparatus for distributing a liquid in a patient's body comprises an implantable pump adapted to pump the liquid and an implantable valve device adapted to direct the liquid pumped by the pump. A first ceramic valve member of the valve device includes a first plane surface and a second ceramic valve member of the valve device includes a second plane surface facing and touching the first plane surface. The second valve member is displaceable relative to the first valve member between different positions, wherein the valve members include different liquid channels. The valve device is operable to displace the second valve member to hydraulically connect the pump to at least one of the liquid channels in at least one of the positions.